



YOUR PRESENTER TODAY SCOTT THOMPSON

CLIMATEMASTER®

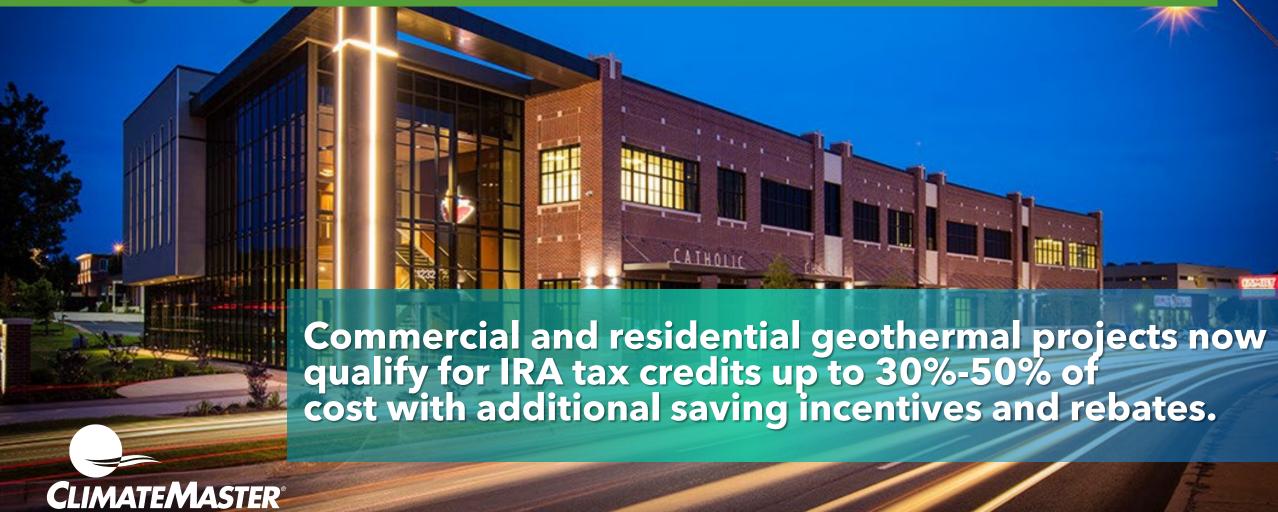
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INFLATION REDUCTION ACT OF 2022

Navigating IRA Incentives for Geothermal Solutions





- Learn what inspired this legislation and incentives in response to energy and climate concerns.
 - Understand how the IRA incentives work and what opportunities they present for HVAC and building design professionals.
 - Understand Geothermal technology and how these systems create opportunities for more incentives and rebates.
 - Understand how geothermal manufacturers are supporting commercial partners in energy reduction efforts.

CLIMATEMASTER

Inflation Reduction Act Political Drivers





RISING ENERGY COSTS

- ☐ Brent crude oil prices up 254% from 2020 to 2022 (EIA)
- ☐ Henry Hub natural gas prices up 239% from 2020 to 2022 (EIA)
- Electricity prices up 13% from 2020 to 2022 (EIA)



ENERGY SECURITY CONCERNS

- ☐ OPEC embargos of 1970s
- ☐ Middle East wars
- ☐ Hurricane Katrina
- ☐ Ukraine war



ENVIRONMENTAL AND CLIMATE CONCERNS

- ☐ Major oil spills
- ☐ Kyoto Protocol and Paris
 Agreement
- ☐ ANWR lease suspension
- ☐ Weather related events



ELECTRIC GRID CONCERNS

- ☐ Blackouts, aging infrastructure, threat of cyberattacks
- ☐ Renewable reliability, beneficial electrification, electric vehicles
- ☐ Loss of coal baseload plants

Geothermal Heat Pump Political Drivers





50 STATE TECHNOLOGY

- ☐ Ground temperature resource is available everywhere
- ☐ GHP systems are operating in all 50 states



ADDRESSES ONE OF THE LARGEST COMPONENTS OF US ENERGY CONSUMPTION

- ☐ Building sector globally consumes more energy at 34% than transport sector at 27% or industry sector at 28%
- ☐ Globally, heating and cooling accounts for 50% of energy consumption and 39% of global greenhouse gas emissions



DOMESTIC TECHNOLOGY & SYSTEM CONTENT

- ☐ Widely, components for drill rigs, tools and GHPs are US made
- ☐ Growth of GHP driving local job creation at extreme rates

PRODUCES MAXIMUM BENEFITS "ON PEAK"

- ☐ Renewable kWh production, airsource heat pumps and electric vehicles stress grid at peak
- ☐ GHPs provide maximum demand reduction when running 100%



BENEFICIAL ELECTRIFICATION

- ☐ Electricity is becoming "cleaner"
- □ -US CO2 per kWh is down nearly 40%
- ☐ Heat pumps are the best way to convert clean electricity into thermal energy

RESIDENTIAL GHP Tax Incentives Inflation Reduction Act





FEDERAL INCOME TAX CREDIT

- ✓ Residential Clean Energy Credit IRC Section 25D
- ✓ 30% of GHP system cost basis (26% 2033, 22% 2034)
- ✓ No cap on total credit amount
- ✓ Can be combined with solar and other credits
- ✓ Can be used in more than one year
- ✓ Can be used for more than one home
- ✓ Credits are not refundable
- ✓ Can be carried forward for a maximum of 10 years
- Exempt from AMT

✓ Home must be located in the US

- ✓ Includes houses, cooperatives, condos, mobile homes
- ✓ Does not have to be main home
- ✓ GHP must meet Energy Star requirements
- ✓ Placed in service before 12/31/2034
- Does not include ductwork or downstream distribution systems

ELIGIBILITY



OTHER INCENTIVES







NEW ENERGY EFFICIENT
HOME CREDIT

- ✓ Home must meet or exceed most recent Energy Star criteria
- ✓ \$2500 tax credit (up to \$5000 credit if "zero-energy" ready)
- ✓ Home acquired before 1-1-2033



ENERGY EFFICIENT COMMERCIAL BUILDINGS DEDUCTION

- ✓ Must exceed ASHRAE 90.1 2007 requirements by 25%
- ✓ 0.50 to \$1.00 per square foot (max based on 50% savings level)
- ✓ 2.50 to \$5.00 per square foot if meets prevailing wage
- ✓ Can be assigned to design team for tax-exempt entities
- ✓ Placed in service after 12-31-22



UTILITY INCENTIVES

✓ Residential and Commercial rebates are available in many areas



Inflation Reduction Act Section 48

Geothermal Tax Credit Incentives

- ✓ The IRA extends Section 48 under a two-tiered structure
- ✓ Increased from 10% prior to IRA
- ✓ A base rate of 6%
- ✓ A bonus rate of 30%
- ✓ 30% of total GHP system cost basis through 2032
- ✓ Step down to 26% in 2033, 22% in 2034, sunsetting 2035

Bonus Rate Qualifiers

- ✓ A project with a maximum net output < 1MW of electrical or thermal energy
 - or
- ✓ Meet prevailing wage rate and apprenticeship requirements
- √ or
- ✓ Projects commenced within 60 days of published rules
- ✓ November 30, 2022, the IRS issued Notice 2022-61
- ✓ Construction started after January 29, 2023

GEOTHERMAL TAX CREDITS										
BASE RATE	6%									
Bonus rate = 5X base rate	30%									
MADE IN USA 2023	10%									
ENERGY COMMUNITY 2023	10%									
Total INCENTIVE OPPORTUNITY	50%									



Inflation Reduction Act Section 48

Domestic Content Bonus

ADD 10%

- ✓ Up to 10% adder for domestic content
- ✓ Based on the percentage of the cost of iron, steel, or manufactured product must be produced in the United States
- ✓ Construction beginning before 2025 = 40%, in 2025 = 45%, in 2026 = 50%, after 2026 = 55%

Energy Communities

ADD 10%

- ✓ Up to 10% adder for energy communities
- ✓ Census tract or adjoining tract with coal mine closed since 2000, or
- ✓ Census tract or adjoining tract with coal plant closed since 2010, or
- ✓ Defined as "a brownfield site" by the EPA, or
- ✓ Area with 0.17% employment related to coal, oil or natural gas with higherthan-average unemployment, or
- ✓ Area with 25% tax revenue related to coal, oil, or natural gas with higherthan-average unemployment

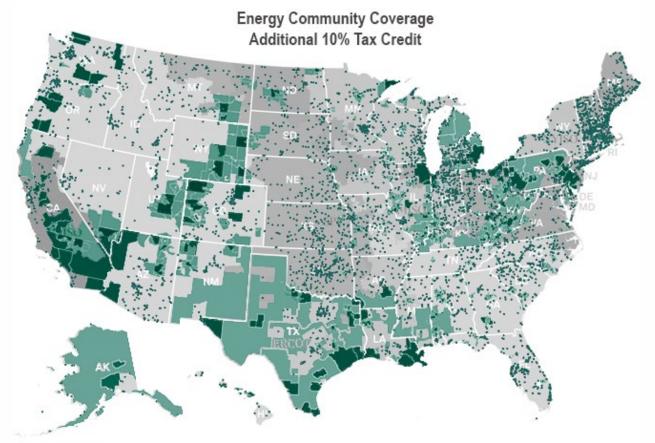
GETTING FROM 30% TO 50%





Inflation Reduction Act Section 48

Energy Communities - National Coverage



As of Sep. 14, 2022. Map credit: Ciaralou Agpalo Palicpic. Source: U.S. Environmental Protection Agency. © 2022 S&P Global.

- ✓ Up to 10% adder for energy communities
- ✓ Census tract or adjoining tract with coal mine closed since 2000, or
- ✓ Census tract or adjoining tract with coal plant closed since 2010, or
- ✓ Defined as "a brownfield site" by the EPA, or
- ✓ Area with 0.17% employment related to coal, oil or natural gas with higher-than-average unemployment, or
- ✓ Area with 25% tax revenue related to coal, oil, or natural gas with higher-thanaverage unemployment



Inflation Reduction Act Section 48



ACCELERATED DEPRECIATION

- ✓ 5-year MACR depreciation for GHP system cost basis (less 50% of tax credit)
- ✓ Eligible for bonus depreciation (80% 2023, 60% 2024, 40% 2025, 20% 2026)

- ✓ Building located in the U.S.
- ✓ Original use begins with taxpayer
- ✓ Project commenced before 12/31/2034
- ✓ At least 75% of energy from ground source
- ✓ Includes bore field, heat pump, and certain downstream items







Inflation Reduction Act Section 48



Non-Taxable Entity Rebates

- ✓ Direct rebate equal to credit for non-taxable entities
- ✓ Non-profits, state and local government, schools, tribes, electric cooperatives

Transfer or Sale of the Rebate

- ✓ Can be transferred or sold
- ✓ The IRA added a provision to permit project owners (other than tax-exempt entities) to make an election to transfer the ITC to an unrelated third party.
- ✓ Equal to the amount that the third party paid for the tax credit and it:
- ✓ Must be paid in cash
- ✓ Not included in gross income of transferee
- ✓ Is not deductible to the transferor



GEO ECONOMICS TOOL - IRA



How it Works

	Clima	teMaster Geo	othermal HVAC Ec	onomics - using S	pecial Depreciatio	on Allowance	~	dated 3-20-23 base his is an estimating to			Disclaimer, Terms	à Conditions						
Pro	oject Name:	Example Offi	ce Building				_						(LIMATI	MASTE	R.		
Conditioned	d Area (sq ft):	50,000]		Vertical Market:		Office					Sta	te:	(Oklahoma			
	sq ft per ton:	400	Tip: 400 sq ft per	ton is a typical rule of t	humb for commercial	buildings. Variables tha	t effect this include glass	area and type, insula	ition values, i	lighting and pi	lug load, etc.							
Calculated	HVAC Tons:	125]	I	Brief Description:		i.e. 3 Story St	ructure				Business Ty	oe:	Pass-1	hrough Entiti	es		
		(Geothermal (Costs			vs.				Con	ventional	Costs				Installation C	
Geotherma	al HVAC Cost	\$32.00	per sq ft						C	Conventiona	al HVAC Cost	\$22.00	per sq ft				Installation Co	omparison
	[\$12,800	per ton									\$8,800	per ton					
	[\$ 1,600,000	Total Geotherma	I HVAC Cost								\$ 1,100,0	00 Total Con	ventional H\	AC Cost		Traditional HVAC	\$1,700,00
Describe your Geot	thermal System [i.e. 30 EER geoth	ermal heat pumps				De	escribe your t	Conventional	IHVAC System:	i.e. Roo	ftop single-d	uct VAV with	electric tern	ninal reheat		, ,,
Add	ditional Cost:	\$ 500,000															Geothermal	\$2,200,00
	Jtility Rebate*				1												Geotherman	72,200,00
Net Add	ditional Cost:	\$ 475,000		\$200	per ton estimate	of utility geo rebate	2	Tip: Varies based o	n region and	lincentives. C	Consult your local e	energy program s	pecialist for insig	pht.				
Other Installa	ation Costs**:	\$ 125,000	portion of electric	cal, plumbing and	GC fees related to	HVAC system (for	r either system)			,	Tip: Rely on your ex	perience Locst g	votes to estimat	e this number			Geotherma	Sovinge
Inco	ome Tax Rate:	34%]	Co	orporate / Federal	29.60%	State	4.00%	Based on bu	isiness type a	nd state table in Inp	out Data Tab					Geotherma	Javings
Er	nergy Credit:	30%	- 1	Domest	ic Content Credit:	10%	Energy Com	munity Credit:	10%				Tija: L	Shoose applica	ble credit rate %	under IRA Guideline	s	
Ene	ergy Inflation:	5%	Tip: This number	typically follows econo	omic inflation trends. L	Renerally between 2% to	o 8%	_					↔				IRA Tax Credit	\$860,00
	vings per sq ft	\$0.75	in energy and r	maintenance		Tip: Lean on the e	operience of your trusted i	HVAC professional	to estimate i	this səvinas v	is, alternative suste	ems	_					• •
	Cost Savings	\$ 37,500	calculated			•			Completion		2023		Pro	oiect Compl	etion Quarter	3	7	_
YEAR		EC ALLOWANCE		C DEDUCTION	GEO TAX S	AVINGS***		GEO CASI				CONV	CASH FLOW			CASH FLOW	Savings per Sq Ft	.7
	Special	5 Yr MACRS	Special	5 Yr MACRS	Tax Credits	Depreciation	Addtl Cost Ta		O&M Sav		Total	Depr Ded			Annual	Cumulative		
2023 2024	80%	15.00% 34.00%	\$ 1,020,000	\$ 38,250 \$ 86,700	\$ 850,000	\$ 355,572 \$ 29,131	\$ (475,000) \$	1,205,572 29,131			\$ 739,947	\$ 31,4		10,554 10,554	\$ 729,393 \$ 57,952	:		
2024		20.40%		\$ 86,700 \$ 52,020		\$ 29,131 \$ 17,479	\$	17,479	\$ 3 \$ 4		\$ 68,506 \$ 58,822	\$ 31,4 \$ 31,4		10,554	\$ 57,952 \$ 48,269			ve Savings
2026		12.24%		\$ 31,212		\$ 10.487	S	10,487			\$ 53.898	\$ 31,4		10,554	\$ 43,344			ve savings
2027		11.30%		\$ 28,815		\$ 9.682	\$	9,682		5,581	\$ 55,263	\$ 31,4		10,554	\$ 44,709	1		
2028		7.06%		\$ 18,003		\$ 6,049	\$	6.049			\$ 53,910	\$ 31,4		10,554	\$ 43,356		V1	\$787,34
2029		7.0070		,		, 0,0	*	5,5			\$ 50,254	\$ 31,4		10,554	\$ 39,700			Ψ, σ, ,σ .
2030											\$ 52,766	\$ 31.4		10,554	\$ 42,212			
2031											\$ 55,405	\$ 31,4		10,554	\$ 44,851	1		\$967,02
2032											\$ 58,175	\$ 31,4		10,554	\$ 47,621	\$ 1,141,40		7307,02
2033										1,084	\$ 61,084	\$ 31,4		10,554	\$ 50,530			
Geothermal HVA				re eligible for 5 yr MA										ple Paybaci		0	Year 10	\$1,191,93
						der tax code with no	special depreciation all	owance								_	l sai to	51,131,33
				e substantial complet ears beginning after '									Inte	rnal Rate of	Keturn:	infinite		
				ans beginning arter Inrelated party begin													┨	
				nity tax credits are no		ts placed in service l	before 1/1/23											

PRE- IRA REAL ECONOMICS

CLIMATE MASTER®

Non-Taxable Entity

	Cli	mateMaster Ge	eothermal HVAC E	conomics - using (Special Depreciation /	Allowance		Updated 3-22-23 ba This is an estimation			or Disclaimer, Terms	& Conditions				
Pro	ject Name:	Catholic Chari	ties]						CUM	<u></u> AteMaster⁺		
Conditioned	Area (sq ft):	34,000			Vertical Market:		Aerospace		7			State:		Oklahoma		
Containon	sq ft per ton:	300	Tin: 400 ca H ner	ton is a tunical tule of	thumb for commercial b	uildinas Variables tha		ee area and tune incu	—l √ation ualue	· liaktina and nl	na load etc	Otato.	· L	Ottationa		
Calculater	HVAC Tons:	113	740 700 3971 707	icone a (grocarior co	Brief Description:	Concorded to 2000		y Structure	2017507 9 20 20 20 20 20 20 20 20 20 20 20 20 20	, ngoning ano po	general ent	Business Type:		Non-Taxable Entities		
Calculated	TITVAC TOIIS.	113			Brief Bescription.		1.0. 3 3101	y structure				Dualiteas Type.		VOII-TUXUDIC ETITLICS		
		(Seothermal C	osts			vs.				Cor	nventional C	osts			
Geotherm	al HVAC Cost	\$21.68	per sq ft							Convent	ional HVAC Cost	\$14.96	per sq ft			Installa
		\$6,523	per ton									\$4,501	per ton			
		\$ 737,120	Total Geothermal I	HVAC Cost								\$ 508,640	Total Conventional	HVAC Cost		Traditional
Describe your Geo	thermal System		i.e. 30 EER geoth	ermal heat pumps	1				Describe	your Conventio	mal HVAC System:	i.e. Roof	top single-duct VAV	with electric terminal r	eheat	Haditional
Δ.	dditional Cost:	\$ 228,480														
	Utility Rebate*															Geotherma
	dditional Cost:			\$150	per ton estimate of	futility geo rebate		Tip: Varies base	ed on region	and incentives.	Consult your local	energy program speci.	ialist for insight.			
					_											
	ation Costs**:		portion of electrica	al, plumbing and G	C fees related to HVA		_		_				es to estimate this num	her		Goot
	me Tax Rate:	0%			Corporate / Federal	0.00%	State				o and state table in In, —	put Data Tab				Geot
· ·	nergy Credit:	0%		Dom	nestic Content Credit:	0%	Energy	y Community Cred	it:	0%			Tip: Choose i	applicable credit rate % und	er IRA Guidelines	
En	ergy Inflation:	3%	Tip: This number	typically follows econ	nomic inflation trends. G	enerally between 2% to	2 d%									IRA Tax Re
Sav	ings per sq ft	\$1.00	in energy and n	naintenance		Tip: Lean on the	experience of your trus	ted HVAC professio	nal to estima	ite this savings	vs. alternative syste	ms				mor ran no
Annual	Cost Savings	\$ 34,000	calculated					Pro	ject Comp	etion Year	2023		Project (Completion Quarter	3	
YEAR	GEO DEPRI Special	EC ALLOWANCE 5 Yr MACRS	GEO DEPREO	C DEDUCTION 5 Yr MACRS	GEO TAX S Tax Credits	SAVINGS*** Depreciation	Addtl Cost	GEO C. Tax Savings	A SH FLOV	V Savings	Total	CONV CA	ASH FLOW Tax Savings	GEO NET CAS	H FLOW Cumulative	Savings pe
2023	0%	0.00%	Special -	S -	S -	S -	\$ (211,530)		S	8.500	\$ (203,030)	S -	s -		\$ (203,030)	0 .
2024		0.00%	•	s -	•	s -	(211,000)	s -	S	35,020	\$ 35,020	s -	s -		\$ (168,010)	
2025		0.00%		s -		s -		S -	\$	36,071	\$ 36,071	S -	s -	\$ 36,071	\$ (131,939)	CooCu
2026		0.00%		S -		\$ -		S -	S	37,153	\$ 37,153	S -	S -	\$ 37,153	\$ (94,787)	Geo Cu
2027		0.00%		\$ -		\$ -		\$ -	\$	38,267	\$ 38,267	\$ -	\$ -	\$ 38,267	\$ (56,519)	
2028 2029		0.00%		\$ -		\$ -		\$ -	S	39,415 40,598	\$ 39,415 \$ 40,598	\$ - \$ -	\$ - \$ -	\$ 39,415 \$ 40,598	\$ (17,104) \$ 23,494	Year 1
2030										41,816	\$ 41,816	s -	\$ -	\$ 40,598 \$ 41,816	\$ 65,309	i Cai I
2031									S	43.070	\$ 43,070	s -	S -	\$ 43,070	\$ 108,380	
2032									s	44,362	\$ 44,362	\$ -	S -	\$ 44,362	\$ 152,742	Year 5
2033									\$	45,693	\$ 45,693	\$ -	\$ -	\$ 45,693	\$ 198,435	i Cai J
					CR depreciation and a ine depreciation under			lleuspee					Simple Pay	back Years:	5.4	
		e generally only eligibl depreciation conver				tax code with no sp	recial depreciation al	liowance					Internal Rat	te of Return:	14%	Year 10
Tax credits may b	e carried back	up to 3 years for cred	lits arising in tax yea	rs beginning after 1	12/31/22											i Cui 10
		generally sold at some					· (1HI 22								- 1	
Energy credit limi	ed to 10% and	domestic content an	a energy communit	y tax credits are noi	t available for projects	piaced in service be	erore 1/1/23									

Installation Comparison

Fraditional HVAC \$845,170

Geothermal \$1,073,650

Geothermal Savings

RA Tax Rebate \$0

Savings per Sq Ft 1.00

Geo Cumulative Savings

Year 1 (\$168,010)

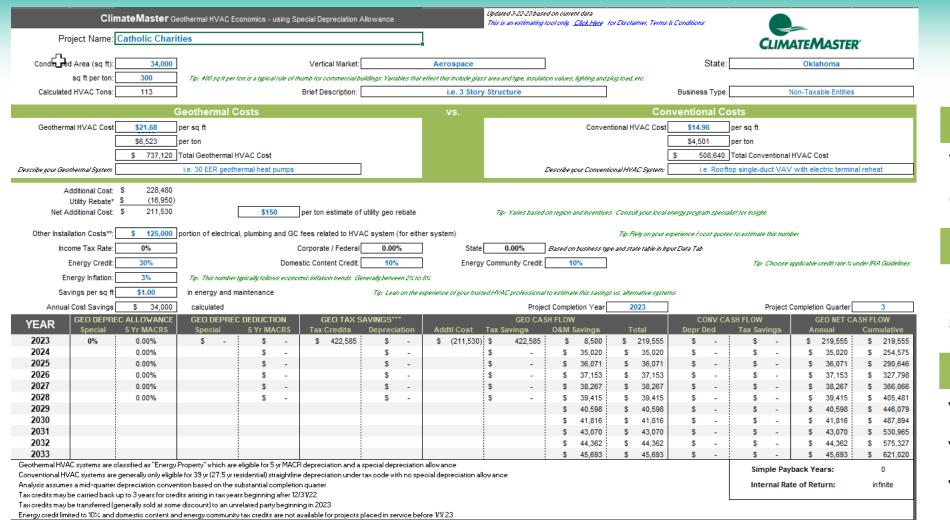
rear 5 (\$37,04)

'ear 10 \$198,435

IRA ECONOMICS

Non-Taxable Entity





Installation Comparison

Traditional HVAC \$845,170

Geothermal \$1,073,650

Geothermal Savings

IRA Tax Rebate \$422,585

Savings per Sq Ft 1.00

Geo Cumulative Savings

Year 1 \$254,575

Year 5 \$366,066

Year 10 \$621,020



PRE-IRA REAL ECONOMICS

50% Bonus and 5 Year MACRS Depreciation



Climatel	Master Geof									oted 3-20-23 basis is an estimating tool				aimer, Term.	s à Con	ditions						
Project Name: Gu	ulfport Ener	gy HQ Buildin	g															CLIM	ΔTF/	AASTE	5.	
Conditioned Area (sq ft):	118,000				Vertical Market:			Office								State:				ahoma	_	
sq ft per ton:	290	Tin: 400 salt net l	ton is a tu	unical rule of i	thumb for commercia	l huildina	s Variables (h.		le alass .	area and tune insulat	tion value	s liahtina.	and niva	load etc		01010.						
Calculated HVAC Tons:	407			•	rief Description:			2 Story				-, -, -, -, -, -, -, -, -, -, -, -, -, -		72.22, 1111	Busin	ess Type:		P:	ss-thro	ugh Entitie	<	
					The Description									_			_			- Carrier		
		eothermal C	.osts					vs.			_					onal Co						
Geothermal HVAC Cost		per sq ft									Co	onventio	nal HV/	AC Cost		=	oer sq f	t				
_	\$8,506	per ton		_										Ļ			oer ton					
\$		Total Geothermal												F		,052,660						
escribe your Geothermal System		i.e. 30 EER geothe	ermal he	eat pumps						Descrit	be your C	covention	alHVAC	Sjistem: _	i.	e. Rooftop	single-	duct VAV	with el	ectric term	inal reh	eat
Additional Cost: \$	409,460																					
Utility Rebate* \$	(237,281)	_																				
Net Additional Cost: \$	172,179		\$	583	per ton estimate	of utility	geo rebate		74	o: Varies based on re	egion and	lincentive.	s Const	ult your loca	l energy _i	orogram spe	vialist for	insight.				
Other Installation Costs**:	\$ 443.086	portion of electric	al plur	mbina and	GC foor related	5 H\/A	~ sustam (fo	r oither system					Tin. Po	di on nour oi	Inoriono	e / cost guate	e to octi	imata thic nu	mhor			
Income Tax Rate:	40%	portion of electric	.ai, piui	_	rporate / Federal		.00%	Stat		6.00% Bas				ny congcion en Ne table in In			S 161 #S10	mare mis m	muer.			
Energy Credit:	10%]]			c Content Credit:		0%			unity Credit:	0%	ennear Otto	r anno 51a	ne rauve ni ni	kini Fisis	r / all						
· · ·	3%	l I							comm	unity Credit:	U 76											
Energy Inflation:					omic inflation trends.																	
Savings per sq ft	\$1.00	in energy and n	nainten	ance		/Jpc·	Lean on the ex	nerience ar yaur ii	ustea H	VAC professional to		_			stems				1.2			
Annual Cost Savings GEO DEPREC	\$ 118,000 ALLOWANCE	calculated GEO DEPREC	DEDLI	CTION	GEO TAX S	AVING	·S***			Project Com GEO CASH F		rear	20	16		CONV CA		roject Co w		EO NET C		4 OW
	5 Yr MACRS	Special		MACRS	Tax Credits		eciation	Addtl Cost	Tax		&M Sav	ings	To	tal		r Ded		avings		nual		ulative
2016 50%	5.00%	\$ 1,742,148	\$	87,119	\$ 366,793		731,702	\$ (172,179	1	1,098,495	\$	-		926,316	\$	89,630	\$	35,852		890,523		890,523
2017 2018	38.00% 22.80%		\$ \$	662,105 397,263		\$	264,842 158,905		\$			1,540 5,186		386,382 284,091	\$	89,630 89,630	\$ \$	35,852 35,852	\$	301,878 198,143		I,192,401 I,390,544
2019	13.68%		\$	238,358		\$	95,343		\$			3,942		224,285	\$	89,630	\$	35,852	\$	136,843		1,590,544 1,527,387
2020	10.94%		\$	190,616		\$	76,247		\$			2,810		209,057	\$	89,630	\$	35,852	\$	120,070		1,647,45
2021	9.58%		\$	166,920		\$	66,768		\$	66,768	\$ 136	,794	\$ 2	203,562	\$	89,630	\$	35,852	\$	112,984	\$ 1	1,760,44
2022),898		140,898	\$	89,630	\$	35,852	\$	48,687		1,809,128
2023												5,125		145,125	\$	89,630	\$	35,852	\$	51,223		1,860,35
2024												9,479 3,963		149,479 153,963	\$ \$	89,630 89,630	\$ \$	35,852 35,852	\$ \$	53,835 58,526		1,914,18 1,972,71:
2026												3.582		158,582	\$	89,630	\$	35,852	\$	59,297		2.032.00
Geothermal HVAC systems are cla									•			,			_	3,,553	Si	mple Pay	back Y			0
Conventional HVAC systems are g						nder ta:	code with no	special deprec	iation a	lowance												finite
Analysis assumes a mid-quarter d Tax credits may be carried back up																	int	ernal Rat	e ot Ke	turn:	int	inite
Tax credits may be transferred (ge																						
Energy credit limited to 10% and do				In-																		

Installation Comparison

Traditional HVAC \$3,237,339

Geothermal \$3,779,299

Geothermal Savings

IRA Tax Credit \$366,793

Savings per Sq Ft 1.00

Geo Cumulative Savings

Year 1 \$1,192,401

Year 5 \$1,760,441

Year 10 \$2,032,009

IRA ECONOMICS

ClimateMaster Geothermal HVAC Economics - using Special Depreciation Allowance



80% Bonus and 5 Year MACRS Depreciation

Conditioned Area (sq ft): 118,000	1		Vertical Market:		Office				Sta	te:		Oklahoma	
sa ft per tor]] Tip: 400 ca (4 por top	in a tunio al tudo col th	_	ildinas Variables that	effect this include glass area ar	nd tuno inculation u	shor liabting and	nhia fanadi ata	Otta			Okianoma	
] THE POOLSYTTHE COT		_	nungs, ranaures mar			arues, nyminiy ariu p	ong man, ern	Dunings Tu		D-		_
Calculated HVAC Tons	s. 407	J		Brief Description:		i.e. 3 Story Struc	ture			Business Ty	pe:	Pa	iss-through Entitie	:S
	(Geothermal Cos	sts			vs.			Con	ventional	Costs			
Geothermal HVAC Cos	\$29.34	per sq ft						Conver	ntional HVAC Cost	\$25.87	per sq ft	t		
	\$8,506	per ton								\$7,500	per ton			
	\$ 3,462,120	Total Geothermal HVA	AC Cost						Ī	\$ 3,052,6	60 Total Co	nventional H	IVAC Cost	
oribe your Geothermal Systen	77	i.e. 30 EER geothern	mal heat pumps				Desc	ribe your Convent	ional HVAC System:	i.e. Ro	ooftop single	-duct VAV	with electric termi	nal reheat
									_					
Additional Cos														
Utility Rebate Net Additional Cos			\$583	per ton estimate of	utility gen rehate	Tin-	· Naries hased on re	aion and incentive	s. Consult your local er	nerau nroarem ca	anialist for insi	inke		
Net Additional Cos			4505	per ton estimate or	atility geo repate	7,40	· vanes naseo con eg	gicor and incentive.	s. Ecoson yeor icea e	renggi po cigo anni sip	eramor rea mos	gon.		
Other Installation Costs*	*: \$ 125,000	portion of electrical, p	olumbing and GC	fees related to HVA	C system (for eithe	er system)			Tip: Rely on your exp	perience / cost g	uotes to estimi	ate this numb	97	
Income Tax Rate	e: 27 %]	C	corporate / Federal	21.00%	State	6.00% Bas	sed on business (y)	ne and state table in Inpu	ut Data Tab				
Energy Credi	it: 30%		Domes	stic Content Credit:	10%	Energy Comm	unity Credit:	10%			7)	ip: Choose ap	oplicable credit rate %	under IRA Guideline
Energy Inflation	1: 3%	Tip: This number typic	ically follows econor	nic inflation trends. Ge	nerally between 2% to	8%								
Savinos per so	ft \$1.00	in energy and main	ntenance		Tip: Lean on the e	wperience of your trusted HVAu	Corofessional to es	stimate this savino	s vs. aiternative sustem	25				
Savings per sq		in energy and main	ntenance		Tip: Lean on the e	experience of your trusted HVAu	*	-		E		Project C	ompletion Quarter	1
Annual Cost Saving		in energy and main calculated GEO DEPREC D		GEO TAX SA		aperience of your trusted HVA	*	ompletion Year	2023		CASH FLO		ompletion Quarter GEO NET C	1 CASH FLOW
Annual Cost Saving YEAR GEO DEPI Special	s \$ 118,000	calculated GEO DEPREC D		GEO TAX Sa Tax Credits		experience of your trusted HVAs	Project Co GEO CASH FI	ompletion Year					•	
Annual Cost Saving FEAR GEO DEPI Special 2023 80%	S \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35.00%	calculated GEO DEPREC D	DEDUCTION 5 Yr MACRS \$ 175,867		AVINGS*** Depreciation \$ 590,158	Addtl Cost Tax S: \$ (172,179) \$	Project Co GEO CASH FI avings O8 2,265,077	ompletion Year LOW &M Savings \$ 88,500	2023 Total \$ 2,181,398	CONV Depr Ded \$ 81,4	Tax S	W savings 21,999	GEO NET C Annual \$ 2,159,399	ASH FLOW Cumulative \$ 2,159,399
Annual Cost Saving FEAR GEO DEPI Special 2023 80% 2024	\$ 118,000 REC ALLOWANCE 5 Yr MACRS 35.00% 26.00%	calculated GEO DEPREC D Special	DEDUCTION 5 Yr MACRS \$ 175,867 \$ 130,644	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274	Addtl Cost Tax S: \$ (172,179) \$ \$	Project Co GEO CASH FI avings O8 2,265,077 35,274	ompletion Year LOW &M Savings \$ 88,500 \$ 121,540	2023 Total \$ 2,181,398 \$ 156,814	CONV Depr Ded \$ 81,4 \$ 81,4	Tax S 78 \$ 78 \$	avings 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815	ASH FLOW Cumulative \$ 2,159,399 \$ 2,294,214
Annual Cost Saving FEAR GEO DEPI Special 2023 80% 2024 2025	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35.00% 26.00% 15.60%	calculated GEO DEPREC D Special	DEDUCTION 5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386	Tax Credits	Depreciation \$ 590,158 \$ 35,274 \$ 21,164	Addtl Cost Tax S; S (172,179) \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164	bompletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350	CONV Depr Ded \$ 81,4 \$ 81,4	Tax S 78 \$ 78 \$ 78 \$	21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351	ASH FLOW Cumulative \$ 2,159,399 \$ 2,294,214 \$ 2,418,568
Annual Cost Saving (EAR GEO DEPI Special 2023 80% 2024 2025 2026	\$ \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	DEDUCTION 5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937	Addtl Cost Tax S: \$ (172,179); \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937	mpletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942	Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880	Cumulative \$ 2,159,399 \$ 2,294,214 \$ 2,418,569 \$ 2,540,445
Annual Cost Saving FEAR GEO DEPI Special 2023 80% 2024 2025 2025 2026 2027	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937	Addil Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings O8 2,265,077 35,274 21,164 14,937 14,937	mpletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748	Cumulative \$ 2,159,399 \$ 2,294,214 \$ 2,418,569 \$ 2,540,449 \$ 2,666,190
Annual Cost Saving FEAR GEO DEPI Special 2023 80% 2024 2025 2025 2026 2027	\$ \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	DEDUCTION 5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937	Addtl Cost Tax S: \$ (172,179); \$ \$ \$ \$ \$	Project Co GEO CASH FI avings O8 2,265,077 35,274 21,164 14,937 14,937 1,872	ompletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667	Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,568 \$ 2,540,448 \$ 2,666,193 \$ 2,782,860
Annual Cost Saving (FEAR GEO DEP) Special 2023 80% 2024 2025 2026 2027 2028	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937	Addil Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937 14,937 1,872	Description Year LOW RM Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898	Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78 \$ 78 \$ 78 \$ 78 \$ 78 \$ 78 \$ 78 \$ 78 \$	21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899	Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,568 \$ 2,540,448 \$ 2,666,193 \$ 2,782,860 \$ 2,901,758
Annual Cost Saving (EAR GEO DEPI Special 80% 2024 2025 2026 2026 2027 2028 2029 2030	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937	Addil Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937 14,937 1,872	Description Year LOW 8M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898	Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899	Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,568 \$ 2,540,448 \$ 2,666,193 \$ 2,782,860
Annual Cost Saving /EAR	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937	Addil Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings O8 2,265,077 35,274 21,164 14,937 14,937 1,872	mpletion Year LOW 8M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898 \$ 145,125	Total \$ 2,181,398 \$ 156,814 \$ 146,345 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898 \$ 145,125	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	avings 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899 \$ 123,126	ASH FLOW Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,568 \$ 2,540,448 \$ 2,686,193 \$ 2,782,866 \$ 2,901,758 \$ 3,024,888
Annual Cost Saving (EAR GEO DEPI Special 2023 80% 2024 2025 2026 2027 2028 2029 2030 2031 2032	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01%	calculated GEO DEPREC D Special	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323	Tax Credits	AVINGS*** Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937	Addil Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings O8 2,265,077 35,274 21,164 14,937 14,937 1,872	mpletion Year LOW 8.M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898 \$ 145,125 \$ 149,479	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898 \$ 145,125 \$ 149,479	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	avings 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899 \$ 123,126 \$ 127,480	ASH FLOW Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,565 \$ 2,540,444 \$ 2,666,193 \$ 2,782,866 \$ 2,901,755 \$ 3,024,885 \$ 3,152,365 \$ 3,284,325
Annual Cost Saving YEAR GEO DEP Special	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35.00% 26.00% 15.60% 11.01% 1.38% c classified as "Energy	calculated GEO DEPREC D Special \$ 2,009,903	\$ 175,867 \$ 176,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323 \$ 6,934	Tax Credits \$ 1,674,920	Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937 \$ 1,872	Addit Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937 14,937	ompletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898 \$ 144,898 \$ 149,479 \$ 153,963	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898 \$ 145,125 \$ 149,479 \$ 153,963	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899 \$ 123,126 \$ 127,480 \$ 131,964 \$ 136,583	ASH FLOW Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,565 \$ 2,540,444 \$ 2,666,193 \$ 2,782,866 \$ 2,901,755 \$ 3,024,885 \$ 3,152,365 \$ 3,284,325
Annual Cost Saving YEAR 0EO DEPI Special 2023 80% 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 20031 2032 2033	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35.00% 26.00% 11.01% 11.01% 1.38% a classified as "Energy re generally only eligib	calculated GEO DEPREC D Special \$ 2,009,903 Property" which are eligible for 39 yr (27.5 yr resid	5 Yr MACRS \$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323 \$ 6,934	Tax Credits \$ 1,674,920 idepreciation and a sidepreciation under the depreciation under the	Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937 \$ 1,872	Addit Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937 14,937	ompletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898 \$ 144,898 \$ 149,479 \$ 153,963	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898 \$ 145,125 \$ 149,479 \$ 153,963	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899 \$ 123,126 \$ 127,480 \$ 131,964 \$ 136,583 ack Years:	ASH FLOW Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,564 \$ 2,540,444 \$ 2,666,193 \$ 2,782,866 \$ 2,901,755 \$ 3,024,886 \$ 3,152,366 \$ 3,284,326 \$ 3,420,912
Annual Cost Saving YEAR GEO DEP Special	s \$ 118,000 REC ALLOWANCE 5 Yr MACRS 35,00% 26,00% 15,60% 11,01% 11,01% 1,38% classified as "Energy are generally only eligible of depreciation conve	calculated GEO DEPREC D Special \$ 2,009,903 Property" which are elighted by recognition of the substitution based on t	\$ 175,867 \$ 130,644 \$ 78,386 \$ 55,323 \$ 55,323 \$ 6,934	Tax Credits \$ 1,674,920 I depreciation and a side depreciation under to quarter	Depreciation \$ 590,158 \$ 35,274 \$ 21,164 \$ 14,937 \$ 14,937 \$ 1,872	Addit Cost Tax Si \$ (172,179) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Project Co GEO CASH FI avings 08 2,265,077 35,274 21,164 14,937 14,937	ompletion Year LOW &M Savings \$ 88,500 \$ 121,540 \$ 125,186 \$ 128,942 \$ 132,810 \$ 136,794 \$ 140,898 \$ 144,898 \$ 149,479 \$ 153,963	2023 Total \$ 2,181,398 \$ 156,814 \$ 146,350 \$ 143,879 \$ 147,747 \$ 138,667 \$ 140,898 \$ 145,125 \$ 149,479 \$ 153,963	CONV Depr Ded \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4 \$ 81,4	Tax S 78	21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999 21,999	GEO NET C Annual \$ 2,159,399 \$ 134,815 \$ 124,351 \$ 121,880 \$ 125,748 \$ 116,667 \$ 118,899 \$ 123,126 \$ 127,480 \$ 131,964 \$ 136,583	ASH FLOW Cumulative \$ 2,159,398 \$ 2,294,214 \$ 2,418,668 \$ 2,540,448 \$ 2,666,193 \$ 2,782,866 \$ 3,024,888 \$ 3,152,368 \$ 3,284,328 \$ 3,420,912

Updated 3-22-23 based on current data

This is an estimating tool only. <u>Click Here</u> For Disclaimer, Terms & Conditions

Installation Comparison

Traditional HVAC \$3,237,339

Geothermal \$3,779,299

Geothermal Savings

IRA Tax Credit \$1,674,920

Savings per Sq Ft 1.00

Geo Cumulative Savings

Year 5 \$2,762,880

Year 10 \$3,428,912

REAL SUCCESS

CLIMATE MASTER®

Geothermal Project Portfolio

PROJECT TYPE	Qty of Projects	Total Square Feet	Smallest Square Feet	Largest Square Feet
Office - Office/Bank/Medical	37	959,000	3,200	118,000
Public – Fire Stations/Museums/Community Centers/Religious	8	119,000	2,000	42,000
Charities - O ffice/Shelters	7	156,000	7,800	40,000
Multi-Family	3	100,000	30,000	40,000
Assisted Living	1	88,000	88,000	88,000
Education	5	109,000	11,000	44,000
Lodging - Convention	1	130,000	130,000	130,000
Retail - Stores/Spas/Recreational	7	132,000	6,800	61,000
Manufacturing	3	510,000	25,000	375,000
Industrial - Office with Warehouse	21	1,022,000	2,000	507,000
Auto / Truck Dealerships	10	572,000	19,100	136,400
	102	3,897,000		

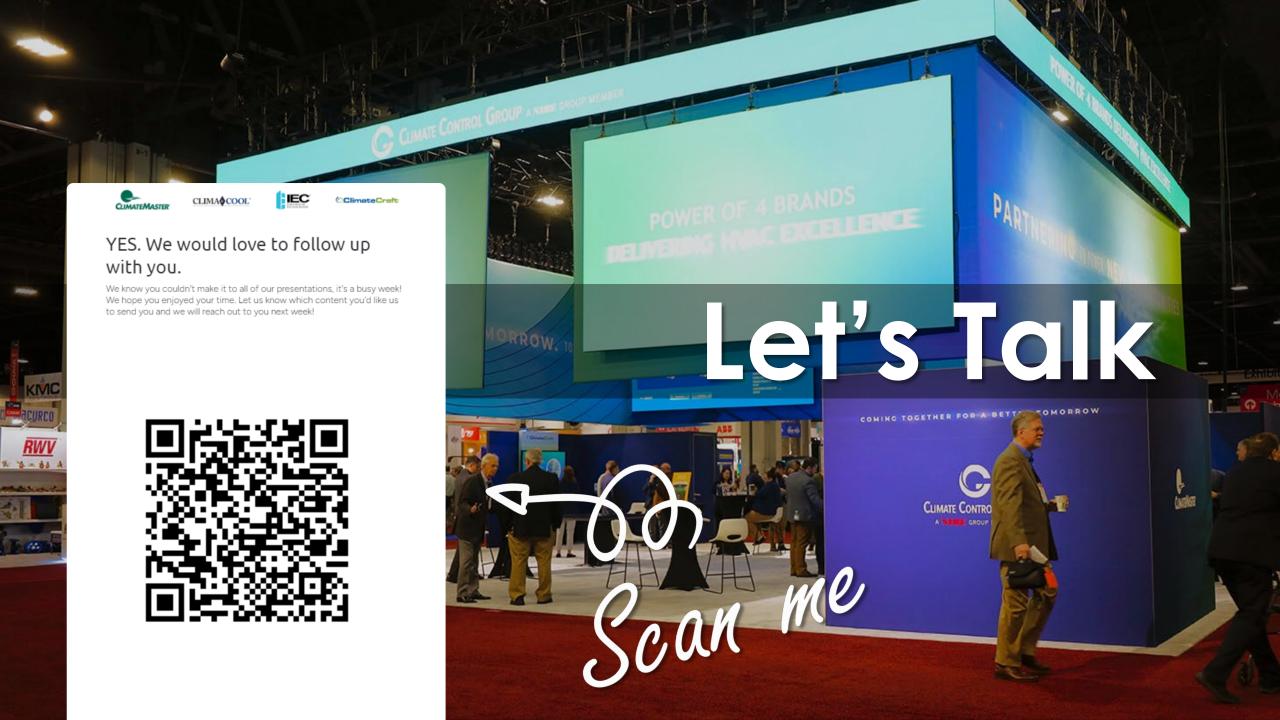
NEXT STEPS



Inflation Reduction Act

IRA Geothermal Incentives

- ☐ Residential Tax Credit up to 30%
- ☐ Commercial Tax Credit up to 50%
- □ Accelerated Depreciation
- □ Non-Taxable Entity Direct Rebate
- ☐ State & Local Rebates
- ☐ Geothermal Efficiency & ROI



Sources/Disclaimer



Sources:

Energy Information Administration - https://www.eia.gov
SBC Magazine - http://sbcmag.info
Energy Tax Savers - IRA Incentive Discussion - YouTube
World Wildlife Organization - https://worldwildlife.org
NYSERDA - https://www.nyserda.ny.gov

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We are not tax professionals and the information provided in this presentation should not be interpreted as tax advice. Please consult with your own accountant and/or attorney for guidance on claiming any of the following incentives.